

Title (en)

DEVICE FOR DIGITALLY SLAVING THE POSITION OF A MOVING PART

Title (de)

DIGITALES SERVOGERÄT ZUR LAGERREGELUNG EINES BEWEGLICHEN TEILS

Title (fr)

DISPOSITIF SERVANT A ASSERVIR NUMERIQUEMENT LA POSITION D'UNE PIECE MOBILE

Publication

EP 0991985 B1 20010606 (EN)

Application

EP 98940259 A 19980703

Priority

- EP 9804952 W 19980703
- FR 9708515 A 19970704

Abstract (en)

[origin: WO9901804A1] Device for digitally slaving the position of a moving part, including: a digital sensor (20) which is intended to measure the actual position of the moving part (10) and delivers a digital effective position value, drive means comprising an electric motor (30) for driving the moving part into a setpoint position defined by a digital setpoint value, a digital control unit (50) delivering at least one signal for controlling a circuit (40) for supplying the motor as a function of the discrepancy between the said setpoint value and the said actual value, in which the digital sensor having a determined measuring interval, the motor supply circuit comprises timer means for maintaining the supply to the motor for the time which is necessary and sufficient for the sensor to be positioned at the middle of the interval corresponding to the setpoint value.

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